

**DECLARATION  
Utility Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **BALLOON OCCLUSION DIAMETER AND PRESSURE MEASURING DEVICES AND METHODS OF USE** the specification of which

(Check One) ☒ is attached hereto OR  
☐ was filed on \_\_\_\_\_ as United States Application Serial No. Not yet assigned  
or  
PCT International Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

Send Correspondence to: John Kappos	L r ON & LYON LLP 633 W Fifth St., Suite 4700 Los Angeles, CA 90071	Direct telephone calls to: (714) 751-6606 or (213) 489-1600
--	---	---

	FULL NAME OF INVENTOR	FIRST Name Bruce	MIDDLE Initial	LAST Name Addis	
201	RESIDENCE & CITIZENSHIP	City Redwood City	State or Foreign Country California	Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS	905 Emerald Hill Road	City Redwood City	State or Country CA	Zip Code 94061

	FULL NAME OF INVENTOR	FIRST Name None	MIDDLE Initial	LAST Name	
202	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code

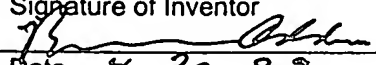
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
203	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code

	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
204	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code

	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
205	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code

	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
206	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor	201
	
Date	4-30-99

Signature of Inventor	202
Date	

Signature of Inventor	203
Date	

Signature of Inventor	204
Date	

Signature of Inventor	205
Date	

Signature of Inventor	206
Date	

(Signatures should conform to names as presented at 201 et seq. above.)

FILE COPY

Applicant: EMBOL-X, Inc.

Attorney: JCK/cp  
Docket No.: multiple

Please acknowledge receipt of the following by affixing hereon the Patent and Trademark Office date stamp and returning this card to our office.

**Enclosures:**

1. Power of Attorney by Assignee of Entire Interest and Revocation of Prior Powers *(38 copies)*
2. Receipt verification postcard

*Applications*

Date of Deposit: January 2, 2003

IR1:1037135.1 First Class mail

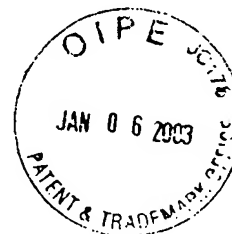
Applicant: EMBOL-X, Inc.

Attorney: JCK/cp  
Docket No.: multiple

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS

Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Jean Chang, Executive Vice President and Chief Operating Officer of EMBOL-X, Inc., as representative of the Assignee of record of the entire interest of all applications listed below, hereby revoke all powers of attorney previously given and appoint the following attorneys and/or agents to prosecute and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the below-identified applications, all of the registered practitioners identified by Customer Number 34263.



O'MELVENY & MYERS LLP  
114 Pacifica, Suite 100  
Irvine, CA 92618  
(949) 737-2900

Please send all correspondence to the attention of John Kappos, at the above Customer Number, and direct all telephone calls to John Kappos at (949) 737-2900.

U.S. Serial No.	U.S. Filing Date	First-Named Inventor	Reel	Frame	Recordation Date	Former Docket
09/016,714	01/30/98	Barbut	9494	0892	10/02/98	230/028
09/131,158	08/07/98	Addis	9388	0388	08/07/98	233/179
09/145,808	09/02/98	Maahs	9439	0615	09/02/98	230/019
09/439,646	11/12/99	Turovskiy	010393	0119	11/12/99	229/163
09/454,290	12/02/99	Murphy	010430	0396	12/02/99	246/160
09/467,293	12/17/99	Pastrone	9451	0289	09/11/98	247/062

## CERTIFICATE OF MAILING (37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

January 2, 2003  
Date of Deposit

Cynthia B. Pacheco  
Cynthia B. Pacheco

U.S. Serial No.	U.S. Filing Date	First-Named Inventor	Reel	Frame	Recordation Date	Former Docket
09/478,818	01/06/00	Pastrone	9451	0289	09/11/98	246/104
09/547,953	04/12/00	Balceta	9452	0379	09/09/98	252/036
09/549,989	04/14/00	Balceta	9611	0175	11/20/98	253/062
09/550/356	04/13/00	Kaganov	8416	0287	03/03/97	252/131
09/614,425	07/12/00	Addis	9439	0627	09/02/98	254/165
09/642,570	08/17/00	McKenzie	9223	0332	06/01/98	255/179
09/663,292	09/15/00	Hahnen	9438	0721	09/02/98	257/076
09/687,922	10/13/00	Addis	009957	0687	05/07/99	255/299
09/691,386	10/17/00	Addis	9655	0163	12/11/98	256/071
09/721,151	11/17/00	Addis	010386	0500	11/09/99	258/175
09/750,536	12/28/00	Pastrone	9451	0289	09/11/98	259/254
09/751,445	12/29/00	Hahnen	9395	0049	08/07/98	260/031
09/766,690	01/18/01	Lilly	011469	0104	01/18/01	258/163
09/799,484	03/05/01	Maahs	8979	0693	02/09/98	259/279
09/801,427	03/07/01	Morse	9629	0540	11/24/98	262/080
09/801,503	03/07/01	Maahs	8929	0933	01/26/98	259/286
09/803,745	03/08/01	Turovskiy	011610	0851	03/08/01	257/049
09/819,169	03/27/01	Turovskiy	010158	0374	08/04/98	260/001
09/846,309	04/30/01	Murphy	011771	0867	04/30/01	259/209
09/866,282	05/24/01	Mangosong	9486	0620	09/28/98	265/016
09/892,028	06/25/01	Jang	9520	0470	10/13/98	260/205
09/893,119	06/26/01	Tsugita	9538	0031	10/13/98	263/259
09/941,380	08/28/01	Mangosong	010111	0838	07/19/99	266/304
09/997,824	11/29/01	Sunseri	9389	0214	08/07/98	270/073
10/001,465	10/31/01	Ambrisco	9464	0925	09/15/98	267/092
10/002,424	10/31/01	Turovskiy	010393	0119	11/12/99	267/177
10/006,410	11/30/01	Barbut	9000	0815	12/16/97	269/089
10/013,229	11/06/01	Murphy	012379	0572	11/06/01	265/107
10/038,151	01/03/02	Wong	012449	0187	01/03/02	245/060
10/043,869	11/01/01	Addis	9630	0004	11/24/98	269/020
10/066,504	01/30/02	Martinez	012570	0075	01/03/02	261/151
10/071,680	02/08/02	Lilly	012587	0768	02/07/02	260/008
10/077,312	02/15/02	McKenzie	9223	0322	06/01/98	271/094
10/080,770	02/22/02	Tsugita	010401	0491	11/15/99	269/205
10/092,651	03/05/02	Thornton	010171	0818	08/09/99	272/090
10/164,353	06/04/02	Thornton	012859	0619	04/26/02	274/009
10/174,074	06/17/02	Jang	012741	0709	04/18/02	272/045

In conformance with 37 C.F.R. §3.73(b), I hereby certify that all documents in connection with the chain of title for each of the above applications have been reviewed, and to the best of my knowledge, all right, title and interest is in EMBOL-X, Inc.

Dated: 4/15/02By: 

Jean Chang  
Executive Vice President and Chief Operating Officer  
EMBOL-X, Inc.  
645 Clyde Avenue  
Mountain View, CA 94043-2213



241/009  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 21, 1999

PTAS

LYON & LYON LLP  
JOHN KAPPOS  
633 WEST FIFTH STREET  
SUITE 4700  
LOS ANGELES, CA 90071-2066



\*101041577A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/07/1999

REEL/FRAME: 009957/0687  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ADDIS, BRUCE

DOC DATE: 04/30/1999

ASSIGNEE:  
EMBOL-X, INC.  
645 CLYDE AVENUE  
MOUNTAIN VIEW, CALIFORNIA  
94043-  
2213

SERIAL NUMBER: 09307092  
PATENT NUMBER:

FILING DATE: 05/07/1999  
ISSUE DATE:

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED  
JUL 28 1999  
U.S. PATENT & TRADEMARK OFFICE

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FORM PTO-1595  
1-31-92

05/1-1999



OVER SHEET  
LY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No. 241/009

101041577

To the Honorable Commissioner of Patents and Trademarks

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Bruce Addis  
Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. Name and address of receiving party:  
Name: EMBOL-X, INC.

Internal Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Street Address: 645 Clyde Avenue

City: Mountain View State: CA Zip: 94043-2213

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: April 30, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: April 30, 1999

A. Patent Application No(s).

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John Kappos

Internal Address: LYON & LYON LLP

633 West Fifth Street, Suite 4700  
Los Angeles, CA 90071-2066

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

☐ Charge this Deposit Account if any additional fee is required

8. Deposit Account Number: 12-2475

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John Kappos  
John Kappos, Reg No. 37,861

Date: May 7, 1999

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

05/16/1999 AGRAY1 00000012 09307092

02 FC:581

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Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

EXPRESS MAILING LABEL  
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ASSIGNMENT

WHEREAS, I, Bruce Addis, a citizen of U.S.A., (hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled BALLOON OCCLUSION DIAMETER AND PRESSURE MEASURING DEVICES AND METHODS OF USE for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, EMBOL-X, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 645 Clyde Avenue, Mountain View, California 94043-2213 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.



ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

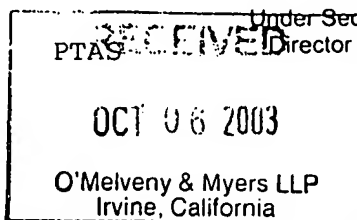
WITNESS my hand at Mountain View California,  
this 30 day of April 1999 ~~December, 1998~~.

  
Bruce Addis



SEPTEMBER 29, 2003

O'MELVENY & MYERS LLP  
DAVID B. MURPHY  
114 PACIFICA, SUITE 100  
IRVINE, CA 92618-3315



Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*102437798A\*

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RECORDATION DATE: 04/29/2003

REEL/FRAME: 013998/0632  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
EMBOL-X, INC.

DOC DATE: 04/17/2003

ASSIGNEE:  
EDWARDS LIFESCIENCES CORPORATION  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614

SERIAL NUMBER: 09016714  
PATENT NUMBER: 6592546

FILING DATE: 01/30/1998  
ISSUE DATE: 07/15/2003

SERIAL NUMBER: 09365650  
PATENT NUMBER:

FILING DATE: 08/02/1999  
ISSUE DATE:

SERIAL NUMBER: 09439646  
PATENT NUMBER:

FILING DATE: 11/12/1999  
ISSUE DATE:

SERIAL NUMBER: 09467293  
PATENT NUMBER:

FILING DATE: 12/17/1999  
ISSUE DATE:

O'Melveny & Myers LLP  
File: 244,610-

Action Item: \_\_\_\_\_  
Date Due: \_\_\_\_\_  
Critical Date: \_\_\_\_\_  
Attorney Path: JCK  
Docketed By: \_\_\_\_\_  
Verified: \_\_\_\_\_

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SERIAL NUMBER: 09478818  
PATENT NUMBER: 6589264

FILING DATE: 01/07/2000  
ISSUE DATE: 07/08/2003

SERIAL NUMBER: 09547953  
PATENT NUMBER: 6569182

FILING DATE: 04/12/2000  
ISSUE DATE: 05/27/2003

SERIAL NUMBER: 09549989  
PATENT NUMBER:

FILING DATE: 04/14/2000  
ISSUE DATE:

SERIAL NUMBER: 09550356  
PATENT NUMBER: 6551268

FILING DATE: 04/14/2000  
ISSUE DATE: 04/22/2003

SERIAL NUMBER: 09614425  
PATENT NUMBER: 6626866

FILING DATE: 07/12/2000  
ISSUE DATE: 09/30/2003

SERIAL NUMBER: 09663292  
PATENT NUMBER:

FILING DATE: 09/15/2000  
ISSUE DATE:

SERIAL NUMBER: 09687922  
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FILING DATE: 10/13/2000  
ISSUE DATE:

SERIAL NUMBER: 09721151  
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FILING DATE: 11/17/2000  
ISSUE DATE:

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FILING DATE: 12/28/2000  
ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 12/29/2000  
ISSUE DATE:

SERIAL NUMBER: 09766690  
PATENT NUMBER:

FILING DATE: 01/18/2001  
ISSUE DATE:

SERIAL NUMBER: 09799484  
PATENT NUMBER:

FILING DATE: 03/05/2001  
ISSUE DATE:

SERIAL NUMBER: 09801427  
PATENT NUMBER: 6599266

FILING DATE: 03/07/2001  
ISSUE DATE: 07/29/2003

SERIAL NUMBER: 09801503  
PATENT NUMBER:

FILING DATE: 03/07/2001  
ISSUE DATE:

SERIAL NUMBER: 09803745  
PATENT NUMBER:

FILING DATE: 03/08/2001  
ISSUE DATE:

SERIAL NUMBER: 09819169  
PATENT NUMBER:

FILING DATE: 03/27/2001  
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PATENT NUMBER:

FILING DATE: 05/24/2001  
ISSUE DATE:

SERIAL NUMBER: 09892028  
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FILING DATE: 06/25/2001  
ISSUE DATE:

SERIAL NUMBER: 09941380  
PATENT NUMBER:

FILING DATE: 08/28/2001  
ISSUE DATE:

SERIAL NUMBER: 09997824  
PATENT NUMBER:

FILING DATE: 11/29/2001  
ISSUE DATE:

SERIAL NUMBER: 10001465  
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ISSUE DATE:

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FILING DATE: 10/31/2001  
ISSUE DATE:

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FILING DATE: 01/03/2002  
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ISSUE DATE:

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FILING DATE: 02/15/2002  
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PATENT NUMBER:

FILING DATE: 03/05/2002  
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SERIAL NUMBER: 10164353  
PATENT NUMBER:

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ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 06/17/2002  
ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 10/22/2002  
ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 11/04/2002  
ISSUE DATE:

SERIAL NUMBER: 10293030  
PATENT NUMBER:

FILING DATE: 11/12/2002  
ISSUE DATE:

SERIAL NUMBER: 10293533  
PATENT NUMBER:

FILING DATE: 11/12/2002  
ISSUE DATE:

SERIAL NUMBER: 10334581  
PATENT NUMBER:

FILING DATE: 12/31/2002  
ISSUE DATE:

SERIAL NUMBER: 10340180  
PATENT NUMBER:

FILING DATE: 01/10/2003  
ISSUE DATE:

SERIAL NUMBER: 10340181  
PATENT NUMBER:

FILING DATE: 01/10/2003  
ISSUE DATE:

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FILING DATE: 05/08/1997  
ISSUE DATE: 12/08/1998

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FILING DATE: 12/05/1996  
ISSUE DATE: 03/02/1999

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FILING DATE: 07/24/1997  
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ISSUE DATE: 09/21/1999

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ISSUE DATE: 11/23/1999

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ISSUE DATE: 12/28/1999

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FILING DATE: 11/24/1998  
ISSUE DATE: 05/02/2000

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ISSUE DATE: 06/27/2000

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ISSUE DATE: 07/18/2000

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FILING DATE: 09/09/1998  
ISSUE DATE: 07/25/2000

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ISSUE DATE: 08/08/2000

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ISSUE DATE: 12/31/2002

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ISSUE DATE: 12/31/2002

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PATENT NUMBER: 6508826

FILING DATE: 04/30/2001  
ISSUE DATE: 01/21/2003

SERIAL NUMBER: 09893119  
PATENT NUMBER: 6537297

FILING DATE: 06/26/2001  
ISSUE DATE: 03/25/2003

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket Nos. 244,678,898

102437798

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

EMBOL-X, Inc.

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: April 17, 2003

2. Name and address of receiving party:

Name: EDWARDS LIFESCIENCES CORPORATION

Internal Address:

City: State: Zip:

Street Address: One Edwards Way

City: Irvine State: CA Zip: 92614

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): Please see Exhibits A and B (attached)

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): Please see Exhibits A and B (attached)

B. Patent No(s): Please see Exhibits A and B (attached)

Additional numbers attached? ☒ Yes \*\*Please see Exhibits A and B (attached) ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Murphy

Internal Address: O'Melveny & Myers LLP  
114 Pacifica, Suite 100  
Irvine, CA 92618-3315

6. Total number of applications and patents involved: 109

7. Total fee (37 CFR 3.41):

\$ 40.00

☐ Enclosed

☒ Charge this Deposit Account if any additional fee is required

8. Deposit Account Number: 50-0639

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

*David B. Murphy*

Date: April 24, 2003

David B. Murphy, Reg. No. 31,125

Total number of pages including cover sheet: 5

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IRI:1042671.1

# EXHIBIT A

	Patent No.	Serial No.	Filing Date	Issue Date	First-Named Inventor
	5,769,816	08/640,015	04/30/96	06/23/98	Barbut, Denise
	5,846,260	08/853,165	05/08/97	12/08/98	Maahs, Tracy D.
	5,876,367	08/759,591	12/05/96	03/02/99	Kaganov, Alan L.
	5,928,192	08/899,606	07/24/97	07/27/99	Maahs, Tracy D.
	5,954,694	09/131,248	08/07/98	09/21/99	Sunseri, Gary
	5,980,555	08/970,956	11/14/97	11/09/99	Barbut, Denise
	5,989,281	08/842,727	04/16/97	11/23/99	Barbut, Denise
	6,007,523	09/161,937	09/28/98	12/28/99	Mangosong, Lorraine
	6,007,557	09/070,660	04/29/98	12/28/99	Ambrisco, William
	6,024,755	09/209,561	12/11/98	02/15/00	Addis, Bruce
	6,033,420	09/146,216	09/02/98	03/07/00	Hahnen, Kevin
	6,042,598	09/286,195	04/05/99	03/28/00	Tsugita, Ross S.
	6,048,331	08/993,202	12/18/97	04/11/00	Tsugita, Ross S.
	6,051,014	09/170,359	10/13/98	04/18/00	Jang, Yue-Teh
	6,051,015	09/181,790	10/28/98	04/18/00	Maahs, Tracy D.
	6,056,720	09/198,439	11/24/98	05/02/00	Morse, Stephen
	6,068,621	09/196,942	11/20/98	05/30/00	Balceta, Jobert
	6,074,357	09/176,145	10/21/98	06/13/00	Kaganov, Alan L.
	6,080,183	09/199,233	11/24/98	06/27/00	Tsugita, Ross S.
	6,083,239	09/199,232	11/24/98	07/04/00	Addis, Bruce
	6,086,605	08/982,226	12/17/97	07/11/00	Barbut, Denise
	6,090,097	09/008,647	01/16/98	07/18/00	Pastrone, Giovanni
	6,093,173	09/149,981	09/09/98	07/25/00	Balceta, Jobert P.
	6,099,498	09/145,809	09/02/98	08/08/00	Addis, Bruce
	6,102,931	09/370,674	08/09/99	08/15/00	Thornton, Peter
	6,117,154	09/336,372	06/17/99	09/12/00	Barbut, Denise
	6,129,713	09/132,354	08/11/98	10/10/00	Mangosong, Lorraine
	6,136,016	09/352,546	07/12/99	10/24/00	Barbut, Denise
	6,146,357	09/307,092	05/07/99	11/14/00	Addis, Bruce
	6,146,400	09/478,151	01/05/00	11/14/00	Hahnen, Kevin
	6,152,947	09/392,059	09/08/99	11/28/00	Ambrisco, William
	6,152,948	09/472,763	12/27/99	11/28/00	Addis, Bruce
	6,168,586	09/130,585	08/07/98	01/02/01	Hahnen, Kevin
	6,171,328	09/437,097	11/09/99	01/09/01	Addis, Bruce
	6,176,851	09/387,634	08/31/99	01/23/01	Tsugita, Ross S.
	6,196,994	09/294,533	04/19/99	03/06/01	Maahs, Tracy D.
	6,217,548	09/421,155	10/19/99	04/17/01	Tsugita, Ross S.
	6,224,620	09/443,581	11/18/99	05/01/01	Maahs, Tracy D.
	6,228,053	09/531,726	03/21/00	05/08/01	Morse, Stephen
	6,231,544	08/854,806	05/12/97	05/15/01	Tsugita, Ross S.
	6,235,045	09/455,874	12/06/99	05/22/01	Barbut, Denise
	6,245,087	09/365,991	08/03/99	06/12/01	Addis, Bruce
	6,251,119	09/131,181	08/07/98	06/26/01	Addis, Bruce
	6,258,120	08/996,532	12/23/97	07/10/01	McKenzie, John R.
	6,267,751	09/411,483	10/01/99	07/31/01	Mangosong, Lorraine
	6,270,490	09/149,314	09/08/98	08/07/01	Hahnen, Kevin
	6,270,513	09/455,011	12/03/99	08/07/01	Tsugita, Ross S.
	6,280,432	09/369,058	08/04/99	08/28/01	Turovskiy, Roman
	6,287,321	09/441,707	11/16/99	09/11/01	Jang, Yue-Teh
	6,315,787	09/562,799	05/02/00	11/13/01	Tsugita, Ross S.

	Patent No.	Serial No.	Filing Date	Issue Date	First-Named Inventor
	6,319,268	09/630,805	08/02/00	11/20/01	Ambrisco, William
	6,350,341	09/350,780	07/09/99	02/26/02	Sunseri, Gary
	6,352,530	09/616,985	07/14/00	03/05/02	Mangosong, Lorraine
	6,364,896	09/568,532	05/09/00	04/02/02	Addis, Bruce
	6,406,471	09/473,584	12/28/99	06/18/02	Jang, Yue-Teh
	6,423,086	09/691,641	10/18/00	07/23/02	Barbut, Denise
	6,440,120	09/145,808	09/02/98	08/27/02	Maahs, Tracy D.
	6,443,957	09/691,386	10/17/00	09/03/02	Addis, Bruce
	6,461,327	09/131,158	08/07/98	10/08/02	Addis, Bruce
	6,468,262	09/454,240	12/02/99	10/22/02	Murphy, Richard O.
	6,494,895	09/844,895	04/26/01	12/17/02	Addis, Bruce
	6,499,487	09/642,570	08/17/00	12/31/02	McKenzie, John
	6,500,191	10/043,869	11/01/01	12/31/02	Addis, Bruce
	6,508,826	09/846,309	04/30/01	01/21/03	Murphy, Richard O.
	6,537,297	09/893,119	06/26/01	03/25/03	Tsugita, Ross S.

## EXHIBIT B

	U.S. Serial No.	U.S. Filing Date	First-Named Inventor
	09/016,714	01/30/98	Barbut
	09/365,650	08/02/99	Mangosong-Martinez
	09/439,646	11/12/99	Turovskiy
	09/467,293	12/17/99	Pastrone
	09/478,818	01/06/00	Pastrone
	09/547,953	04/12/00	Balceta
	09/549,989	04/14/00	Balceta
	09/550,356	04/14/00	Kaganov
	09/614,425	07/12/00	Addis
	09/663,292	09/15/00	Hahnen
	09/687,922	10/13/00	Addis
	09/721,151	11/17/00	Addis
	09/750,536	12/28/00	Pastrone
	09/751,445	12/29/00	Hahnen
	09/766,690	01/18/01	Lilly
	09/799,484	03/05/01	Maahs
	09/801,427	03/07/01	Morse
	09/801,503	03/07/01	Maahs
	09/803,745	03/08/01	Turovskiy
	09/819,169	03/27/01	Turovskiy
	09/866,282	05/24/01	Mangosong
	09/892,028	06/25/01	Jang
	09/941,380	08/28/01	Mangosong
	09/997,824	11/29/01	Sunseri
	10/001,465	10/31/01	Ambrisco
	10/002,424	10/31/01	Turovskiy
	10/006,410	11/30/01	Barbut
	10/013,229	11/06/01	Murphy
	10/038,151	01/03/02	Wong
	10/055,216	10/24/01	Barbut
	10/066,504	01/30/02	Martinez
	10/071,680	02/08/02	Lilly
	10/077,312	02/15/02	McKenzie
	10/092,651	03/05/02	Thornton
	10/164,353	06/04/02	Thornton
	10/174,074	06/17/02	Jang
	10/278,753	10/22/02	Murphy
	10/287,965	11/04/02	Jump
	10/293,030	11/12/02	Addis
	10/293,533	11/12/02	Tsugita
	10/334,581	12/31/02	Addis
	10/340,180	01/10/03	Balceta
	10/340,181	01/10/03	Murphy
	10/366,117	02/12/03	Kaganov

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

WHEREAS, **EMBOL-X, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its principal place of business at **1635A South Main Street, Milpitas, CA 95035-6262** (hereinafter referred to as "ASSIGNOR"), have acquired the exclusive right, title and interest in the patents listed in **EXHIBIT A** and the patent applications listed in **EXHIBIT B**; and

WHEREAS, **EDWARDS LIFESCIENCES CORPORATION**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its principal place of business at One Edwards Way, Irvine, CA 92614, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said inventions and in, to and under any Patents or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said inventions and to all Letters Patents or applications or similar legal protections, including the right to file suit and obtain damages for past infringement, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said inventions by said patents and applications, and to any continuations, divisions, renewals, substitutes or reissues thereof or any legal equivalents thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

EMBOL-X, INC.

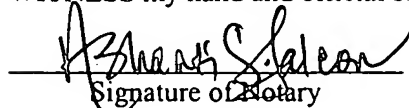


**Don Rohrbaugh**  
President and CEO  
EMBOL-X, INC.  
1635A South Main Street  
Milpitas, CA 95035-6262

STATE OF CALIFORNIA     )  
COUNTY OF ORANGE     )

On 17 April, 2003 before me, Ashanti S. Falcon, Notary Public, personally appeared **Don Rohrbaugh**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

 (Seal)  
Signature of Notary

